REQUEST

The undersigned requests that the present

For receiving Office use only	
International Application No.	
International Filing Date	
Name of receiving Office and "PCT International Applica	ation"

international applica according to the Patent		ty.	Name of receiving Office and "PCT International Application"		
			Applicant's or a (if desired) (12 c	gent's	file reference ters maximum) P30524WO
Box No. I TITLE OF INV	ENTION Direct	tivity o	ptimization	n fo	r short-range wireless
mobile communication					
Box No. II APPLICANT		This persor	n is also inventor		
Name and address: (Family name f The address must include postal code Box is the applicant's State (that is, co	and name of country. T	he country of th	ie address indicated	l in this	Telephone No.
Sony Deutschland	GmbH				Facsimile No.
Hugo-Eckener-Str. 50829 Köln GERMANY	20				Teleprinter No.
GERMANI					Applicant's registration No. with the Office
State (that is, country) of national DE	ity:		State (that is, co	ountry)	of residence:
This person is applicant for the purposes of:	all designated States		States except ates of America		the United States of America only the Supplemental Box
	LICANT(S) AND/				
Name and address: (Family name for The address must include postal code of Box is the applicant's State (that is, could be addressed by Vladimir NIKO). Höhberger Str. 3-70327 Stuttgart GERMANY	nnd name of country. Th ntry) of residence if no S LAJEVIC	he country of th	e address indicated .	in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of nationali	ty:		State (that is, con	untry) (of residence:
	all designated States	all designated the United Sta	States except tes of America		the United States of America only the States indicated in the Supplemental Box
Further applicants and/or (f	further) inventors are	e indicated on	a continuation sl	heet.	
Box No. IV AGENT OR CO	MMON REPRESE	NTATIVE;	OR ADDRESS	FOR (CORRESPONDENCE
The person identified below is he of the applicant(s) before the com	reby/has been appoin petent International	nted to act on Authorities a	behalf s:	x a	agent common representative
Name and address: (Family name fo The address mu	llowed by given name; f st include postal code c	for a legal entity and name of co	r, full official designa untry.)	ation.	Telephone No. +49 (0)89/ 5 52 31-0
Körber, Martin				Į.	Facsimile No.
MITSCHERLICH & PA Sonnenstrasse 33	ARTNER				+49 (0)89/ 5 50 24 35
Postfach 33 06 09	9			-[Teleprinter No.
D-80066 München				}	Agent's registration No. with the Off
Germany					Agent's registration No. with the Office
Address for corresponden space above is used instead	ce: Mark this check to indicate a special	-box where n address to w	o agent or commo hich corresponde	on repr	esentative is/has been appointed and the ould be sent.

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)				
If none of the following sub-boxes is used, this sheet should no	ot be included in the request.			
Name and address: (Family name followed by given name; for a legal ent The address must include postal code and name of country. The country of t Box is the applicant's State (that is, country) of residence if no State of residen	he address indicated in this			
2) Masahiro UNO Meissner Str. 36 70736 Fellbach GERMANY	applicant and inventor inventor only (If this check-box is marked, do not fill in below.)			
	Applicant's registration No. with the Office			
State (that is, country) of nationality: JP	State (that is, country) of residence: DE			
This person is applicant for the purposes of: all designated all designated the United St	d States except ates of America the United States the States indicated in the Supplemental Box			
Name and address: (Family name followed by given name; for a legal enti- The address must include postal code and name of country. The country of th Box is the applicant's State (that is, country) of residence if no State of residence	ne address indicated in this			
State (that is, country) of nationality:	State (that is, country) of residence:			
This person is applicant all designated for the purposes of:	States except the United States the States indicated in the Soft America only the Supplemental Box			
Name and address: (Family name followed by given name; for a legal entip The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residenc	e address indicated in this			
State (that is, country) of nationality:	State (that is, country) of residence:			
This person is applicant all designated for the purposes of:	States except the United States the States indicated in the Sof America only the Supplemental Box			
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	address indicated in this			
State (that is, country) of nationality:	State (that is, country) of residence:			
This person is applicant for the purposes of: all designated States all designated the United States	States except the United States the States indicated in the Sof America only the Supplemental Box			
Further applicants and/or (further) inventors are indicated on another continuation sheet.				



Box No. V DESIGNAT	ΓIONS			
The filing of this request confiling date, for the grant of e	nstitutes under Rule 4.9(a), the every kind of protection availa	he designation of all Con- ible and, where applicable	tracting States bound by the for the grant of both reg	he PCT on the international gional and national patents.
However,	•			
DE Germany is not d	lesignated for any kind of nati	onal protection		
KR Republic of Kore	a is not designated for any ki	nd of national protection		
RU Russian Federation	on is not designated for any k	ind of national protection		
the national law, of an earlie	o be used to exclude (irrevocable er national application from w s in these and certain other St	hich priority is claimed. S	rned in order to avoid the See the Notes to Box No. V	ceasing of the effect, under as to the consequences of
Box No. VI PRIORITY	CLAIM			
The priority of the following	g earlier application(s) is hereb	y claimed:		
Filing date	Number		Where earlier application	is:
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office
item (1)11/10/2004				
11. October 2004	04 024 196.0		EP	
item (2)		·		
item (3)				
, ,				
Further priority claims a	are indicated in the Supplemen	ntal Box.		
The receiving Office is reque the earlier application was fil above as:	ested to prepare and transmit to led with the Office which for th	the International Bureau e purposes of this internat	a certified copy of the ear tional application is the re	lier application(s) (only if eceiving Office) identified
_	em (1)	—		e Supplemental Box
* Where the earlier application Industrial Property or one Me	on is an ARIPO application, inc ember of the World Trade Org	dicate at least one country ganization for which that e	party to the Paris Conver arlier application was file	ution for the Protection of (Rule 4.10(b)(ii))
Box No. VII INTERNAT	IONAL SEARCHING AUT	HORITY	·	
Choice of International Sea international search, indicate	arching Authority (ISA) (if two the Authority chosen; the two-li	yo or more International S letter code may be used):	earching Authorities are c	ompetent to carry out the
ISA / EPO Europ	pean Patent Off:	içe	• • • • • • • • • • • • • • • • • • • •	
Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):				
Date (day/month/year) 05/04/2005	Numbe 04 024 196		sy (or regional Office)	
Box No. VIII DECLARAT		.0 EP		·
		TH (2) . () ()		
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable Number of check-boxes below and indicate in the right column the number of each type of declaration):				
Box No. VIII (i)	Declaration as to the identity of the inventor :			
Box No. VIII (ii)	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent			
Box No. VIII (iii)	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application			
Box No. VIII (iv)	Box No. VIII (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America)			
Box No. VIII (v) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty :				:



Box No. IX CHECK LIST; I	LANGUAGE	OF FILING		
This international application con (a) in paper form, the following sheets:		This international application is accompanied by the followi item(s) (mark the applicable check-boxes below and indicate it right column the number of each item):		
request (including		1. x fee calculation sheet	; 1	
declaration sheets)	4	2. original separate power of attorney	:	
description (excluding sequence listing and/or		3. original general power of attorney	: .	
tables related thereto) :	20	4. copy of general power of attorney; reference numbe	r,	
claims :	6	if any:	••••••	
abstract :	1	5. statement explaining lack of signature	:	
drawings :	7	6. priority document(s) identified in Box No. VI as item(s):		
Sub-total number of sheets: sequence listing:	38	7. translation of international application into (language):		
tables related thereto : (for both, actual number of		8. separate indications concerning deposited microorga		
sheets if filed in paper form, whether or not also filed in		9. sequence listing in computer readable form (indicate type and number of carriers)	•	
computer readable form; see (c) below)		(i) copy submitted for the purposes of international so Rule 13ter only (and not as part of the international	earch under	
Total number of sheets : (b) only in computer readable	38 e form	(ii) (only where check-box (b)(i) or (c)(i) is marked in lef	(t column)	
(Section 801(a)(i))	e ioi iii	purposes of international search under Rule 13ter (iii) together with relevant statement as to the identity of	:	
(i) ☐ sequence listing (ii) ☐ tables related thereto		copies with the sequence listing mentioned in left	column :	
(c) also in computer readable (Section 801(a)(ii))	e form	10. tables in computer readable form related to sequence I (indicate type and number of carriers)	J	
(i) sequence listing (ii) tables related thereto		(i) copy submitted for the purposes of international se Section 802(b-quater) only (and not as part of the	arch under international	
Type and number of carriers (CD-ROM, CD-R or other) on w contained the	diskette, hich are	application) (ii) (only where check-box (b)(ii) or (c)(ii) is marked in leadditional copies including, where applicable, the	: ft column) copy for the	
sequence listing:		purposes of international search under Section 802 (iii) together with relevant statement as to the identity of		
tables related thereto:		copies with the tables mentioned in left column 11. other (specify): cheque no. 50.794	:	
(additional copies to be indicate items 9(ii) and/or 10(ii), in right	t column)	11. So other (specify): .cheque no. 50.409		
Figure of the drawings which should accompany the abstract:	Fig. 7	Language of filing of the international application: English		
Box No. X SIGNATURE OF	APPLICANT	AGENT OR COMMON REPRESENTATIVE		
Next to each signature, indicate the name of	of the person sigr	ing and the capacity in which the person signs (if such capacity is not obvious	from reading the request).	
Munich 17.07.	2 00 5		İ	
Korber				
Patent Attorne	<i>Y</i>			
		For receiving Office use only		
1. Date of actual receipt of the pur	rported		2. Drawings:	
international application:			received:	
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:			received.	
			not received:	
5. International Searching Authority (if two or more are competent): ISA / 6. Transmittal of search copy delayed until search fee is paid				
		For International Bureau use only		
Date of receipt of the record copy by the International Bureau:				